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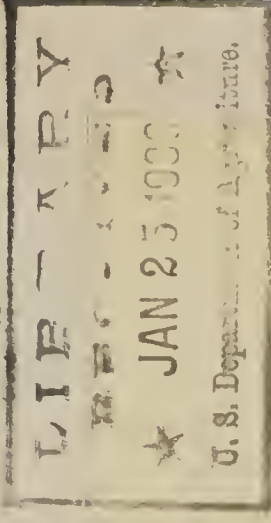
Do not assume content reflects current scientific knowledge, policies, or practices.

Introducing Our

THINGS BEAUTIFUL for the INDOORS

Pleasure § Fascinating § Interesting

LOVELAND GOLDFISH FARM
JOE JOHANNIGMAN, JR.
LOVELAND, OHIO



U. S. DEPARTMENT OF AGRICULTURE,

WASHINGTON, D. C.

BUREAU OF PLANT INDUSTRY
Fruit and Vegetable Crops and Diseases

RE. R. R.

GPO 8-3501

Cheer

WITH ENJOYABLE INDOOR GARDENS

These cheerful Cactus Plants can be easily arranged in a glass garden (as illustrated), if desired. Good light, very little water, and this colorful little garden is yours to enjoy all the winter months. For window sill plants there is nothing that holds up better than this type plant. Many are quite unique and present an entirely unexpected interest in the window garden. They are excellent planted in either the common clay pots, or in the fancy pottery we like so well.

CT-1 Aloe-Gasteria—A hybrid that combines the pleasing qualities of both plants. Spotted with tiny white dots, it has all the appearance of the graceful aloes. 25c each.

CT-2 Aloe Nobilis—The most popular of the aloes. A handsome green rosette, compact plant, dotted with harmless short spines. 25c each

CT-3 Haworthia, Cymbriformis—A low growing rosette of light green fleshy leaves with translucent streaks on the upper surface, sometimes for this reason known as the "Window Plant." 35c each.

CT-4 Haworthia Coarctata—Dark green pointed leaves forming a dense column shaped rosette. Tiny white bloom, on a long wiry stem. Small growing plant. 25c each.

CT-5 Nyctocereus Serpentinus—A very tall, slender, night flowering, Mexican cactus, densely covered with silver gray spines, reddish at the growing tip. Has three inch white flowers. 25c each.

CT-6 Opuntia Cristata—"Boxing Glove Cactus." When small appearing like to any Opuntia, but as it grows older, it assumes queer and grotesque shapes. 25c each.

CT-7 Euphorbia Caput Medusae—"The Head of Medusa!" One of the Euphorbia you won't want to miss. Even has snakes like to the very locks of the horrible Medusa. 25c each.

CT-8 Opuntia Rufida—A sister to the microdasys, with rounder pads, and reddish brown tufts of spines. 25c each.

CT-9 Opuntia Microdasys—Common name "Bunnies Ear" and that describes it exactly. With soft, downy stickers (which are much more vicious than they seem), it proves a favorite with everyone. 25c each.

CT-10 Coraphantha Desertii—One of those low, bushy cacti. Mexican variety with white spines, and large rose colored flowers. 35c each

CT-11 Chamaecereus Sylvestrii—"Peanut Cactus." Branches out like a tree, from which its Latin name is taken. A small clustered variety with orange scarlet flowers one to one and a half inches in diameter. 25c each.

CT-12 Cereus Peruvianus—Bluish green columnar cactus, four to five sided with spines at the angles. White flowers at night; a large growing variety. 25c each.

CT-13 Neo-Mammillaria Applanta—An attractive cactus, like to a pin-cushion, that has very fine white stickers on its surface. Round, and very low. 25c each.

CT-14 Echinocereus Reichenbrachii—One of the barrel cactus. It reaches a height of five to seven inches in no time. One of the more free flowering varieties. 25c each.

CT-15 Coraphantha Vivipara—One to have your pupils to observe for finding the source of the name. Also one of the low-growing varieties for the terrarium. 25c each.

CT-16 Sempervivum Calcareum—Bluish gray rosette of pointed leaves tipped with reddish purple. One of the handsomest varieties, of the "hen and chickens." 25c each.

CT-17 Stapelia, Variegata—Sometimes called the "Star of Bethlehem." Has a huge flower resembling a star, but with a heavy pungent odor. Excellent for the classroom. 25c each.

Cactus illustrated below:

Back row: CT-1; CT-6; CT-12; CT-8; CT-5; CT-7; CT-17; CT-9; CT-2.

Front row: CT-15; CT-16; CT-10; CT-3; CT-4; CT-11; CT-14; CT-13.



Collections

No. 1—Consisting of five plants, one each Aloe, Haworthia, Euphorbia, Opuntia, and Cereus. 5 plants for only

\$1.00
Prepaid

No. 2—Consisting of ten plants, two each of the above named species of plants. 10 plants for only

\$1.75
Prepaid

No. 3—Consisting of one each as illustrated in picture on left and above in terrarium form. Seventeen plants, all different. 17 plants for only

\$2.75
Prepaid

PLEASURE ALL THE WINTER— MANY WEARY HOURS TURNED TO JOY



Decorative Plants as described above—
Back row: CT-12; CT-11; CT-8; CT-2; CT-9; CT-10; CT-17; CT-1; CT-5; Middle row: CT-4; CT-14; CT-6;
Front row: CT-3; CT-15; CT-13; CT-16; CT-17.

For an attractive terrarium garden, any glass receptacle will do, if large enough to accommodate your plants. Soils can be ordered, with a collection of plants, thus adding greatly to your convenience.

Generally terraria do best in a light place however, avoid hot sunshine. Humidity is controlled by the use of the glass covering which can be removed if too much moisture is evident. Remove any leaves that are yellow, as this will result in decay, and rotting of plants in the

garden. Prevent the formation of molds, by allowing to dry out a bit if they begin to appear; be sure to remove any that form at once.

Watch carefully for any evidences of sow bugs. These little fellows are the most destructive of the terrarium pests. A little sulphur will help to make the terrarium an unhealthy place for them. Try a half of a potato, and when these insects gather under it, remove them, and kill them.

Suggestions for Soil Mixtures—
Bog Soil—Mixture of sand and sphagnum moss. 4:1 volume.
Desert Soil—Mixture of sand and garden soil. 2:1 volume.
Woodland Soil—Mixture of leaf mold and peat moss. 4:1 volume.
Decorative Soil—Mixture of leaf mold and peat moss. 3:1 volume.
The addition of a little fresh soil at intervals will prove beneficial for the plants. Watch water supply carefully.



FERNS (FT Series of Plants)

- FT-1 *Pteris serrulata cristata variegata*. Outstanding for its coloring, it is variegated green and white. Grows about 12 to 15 inches in height. Just the thing for variation in the terrarium garden. 25c each.
- FT-2 *Onychium Japonicum*. A very fine lacy fern. Fronds uncurl, showing a delicate, filmy green. Excellent for front planting, or for a filler in the background. 25c each.
- FT-3 *Cyrtidium Rochfordianum*. Heavy leafed, leaves also are very dark, shiny green. About 12 inches in height. One of the best for terraria purposes. 25c each.
- FT-4 *Pteris serrulata cristata compacta*. A very light green fern, with the curly fronds, that are close together, and lower in height than the usual *Pteris* ferns. 25c each.
- FT-5 *Pteris Wilsonii*. One of the low

growing ferns, with distinct markings where the tips of the fronds are seen. Its curly fronds are admired greatly in the foreground of the terrarium. 25c each.

FT-6 *Pteris Parkerii*. Another of the ferns with the large fronds. Sometimes they are said to resemble palms. Fine for background planting. 25c each.

FT-7 *Pteris serrulata cristata*. Fine leafy fronds, grows to a height of about 12 inches or more. Best for background planting. 25c each.

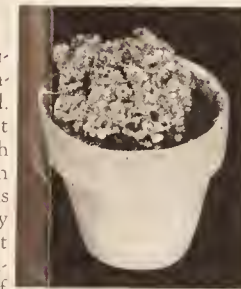
FT-8 *Pteris Rivertoniana*. One of the ferns that make us like this phylum best. Fine, yet, not the delicate thread-like branches of some of the varieties. Makes a wonderful appearance in the terrarium, or out of it. 25c each.

FT-9 *Selaginella Brownii*. One of those new interesting plants that make us

like terrarium gardening so well. Low, about one inch high, with tiny divisions of its mossy foliage, it shows a beautiful shade of light green coloring. Just the thing for that front of the terrarium where you want some showy plant. 35c each.

FT-10 *Selaginella, Blue-Green*. An interesting plant. Its foliage is of a changeable blue to green. Beautiful for even a pot plant. 50c each.

FT-11 *Selaginella, (Moss Fern)*. One of the "Must-Have" ferns. Everyone likes it. Be sure to have one of these. 25c each.



Collection No. 4

These 8 glorious ferns, pictured below. All of 2½ inch size, with the foliage already well developed. Just what you need for your indoor gardening. Here is your chance to get what you've always wanted! 8 plants all for

\$1.00 prepaid



Ferns, described above, from left to right: FT-1, FT-5, FT-6, FT-4, FT-7, FT-3, FT-2, FT-8.

Collection No. 5

Pleasure for you; for although the ferns in this collection are of a small size, still they are full of pep and vigor. Ready to pot, ready for the glass garden. 10 small ferns all for only

\$1.00 prepaid

FERNS—

Ferns—The cutest little dwarf formation of plants imaginable.

Ferns—In all shapes and forms, some variegated, some plain green, but each one individually different. Unless you have tried these before, you won't realize what pleasure you have in store.

Planted in fancy bowls, they are a constant source of pleasure. Especially in the white pottery—they assume all the dignity of more aristocratic of the plant species, and are amazingly beautiful.

Planted in Glass Gardens—and one just imagines he is resting quietly at the edge of some woodland spot. You can plan and plant such a garden yourself. Be your own landscape architect and see the wonders of the work unfold beneath your hand.

The Indoor Garden is one of the chief expressions of simplicity used in the plant line. What scheme of design will such a garden not accentuate and beautify?

DECORATIVE PLANTS (DT Series of Plants)

Illustration below shows a grouping of Decorative Plants; singly they make interesting specimens for the indoors; in combination arrangements, in glass gardens, the effect is positively wonderful.

DT-1 *Peperomia, Watermelon Leaf*—An interesting little plant with its attractive variegated leaves that resemble the covering on a watermelon. Recommended for the terrarium. 25c each.

Decorative plants as illustrated below.

Back row: DT-1, DT-4, DT-9, DT-3, FT-11, DT-5; Front row: DT-6, DT-7, DT-8, DT-2.



IVY GARDENS

H-1—*ENGLISH IVY*—(Hedera Helix). The plant so many of us admire. A most interesting plant for indoor use. Its dark green leaves alternating with lighter green make it a winner for the twining vine. Each 15c.

H-2 *HEART LEAF IVY*—(Hedera Colchica)—A newer variety, but its name suggests. An ivy that is shaped in a collection of ivy, this is a rounded contrast. Each 25c.

H-3 *SELF-BRANCHING IVY*—(Hedera Pittsburgh.) A new ivy, adaptable for almost any container. Instead of growing in one continuous branch, making several of the branches in one plant. Each 25c.

H-4 *VARIEGATED IVY*—(Hedera Helix Variegata). A beautiful blending of green and white; the white forms a border around the edges of the leaf, with huge blotches of green

here and there on the leaf. Excellent for a decorative terrarium. Each 25c.

H-5 *BUNCHLEAF IVY*—(Hedera Gargoloni-erata). A cute little compact ivy. One that is small, busy, and certainly new. Its leaves are very curly, giving the appearance of an entirely different plant. Each 35c.

H-6 *LEOPARD IVY*—(Hedera Colchica Variegata). Another variegated ivy, but with marked distinction. The leaves are a deep green, with tiny pin point dots of white coloring covering the leaf. "The leopard and his spots". Each 20c.

H-7 *GRAPE IVY*—(Vitis Rhoisifolia). An entirely different plant. Really does not belong to the ivy family, but resembles them so distinctly that it is usually included in the listing of the various ivies. Leaves bright green, resembling those of a grape vine. Each 25c.



Ivy as described above.

Back row: H-3, H-4, H-1, H-6; front row: H-5, H-7, H-2.

Collection No. 6

Ten Decorative plants as illustrated at the left. All for

\$2.75 Postpaid

Collection No. 7

Consisting of a collection of Decorative Type plants as illustrated in terrarium at right. 5 plants (does not include container or illuminator), for only

\$1.00 Postpaid



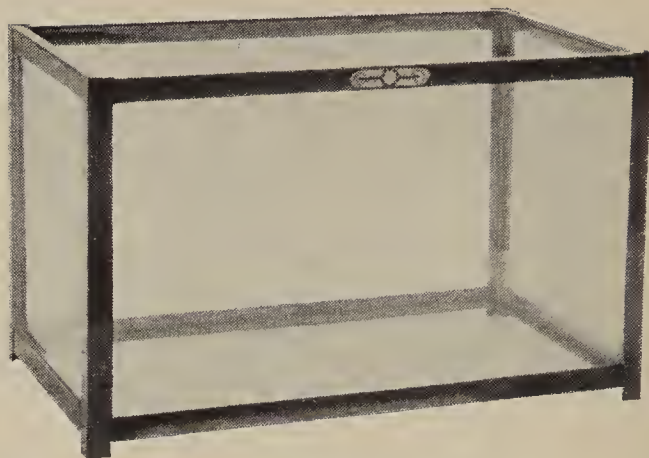
COLLECTION No. H-50

One of each of
of the above
plants, illustrated at
left. For only

\$1.50

Prepaid

AQUARIA



No. 06 BLACK ENAMEL FINISH. A fine aquarium. Absolutely dependable in quality and construction. Sturdily built, in every way, 10-gallon capacity. 10 inches wide, 10 inches high, 24 inches long. **\$4.50 Prepaid**

No. 05 BLACK ENAMEL FINISH. Same construction as above, 5-gallon capacity, 15 inches long, 9 inches wide, 9 inches high. **\$2.50 Prepaid**

DE LUXE AQUARIA

The aquaria illustrated, pages 1 and 8 are constructed of heavy gauge rustless steel, properly formed and welded. These aquaria of clear glass sides and slate bottoms, are finished in our attractive green crackeral lacquer. Excellent for either aquarium or terrarium use.

No. M-5 8x14x10" high, 5-gallon, \$2.50 Prepaid.

No. M-10 10x20x12" high, 10-gallon, weight packed 10 lbs. \$5.00 Express Collect. F. O. B.

No. M-15 12x24x12" high, 15-gallon, weight packed 27 lbs. \$7.50 Express Collect.

No. M-10 and No. M-15 are shipped only by Express Collect.

Fish Food Prices

Goldfish Food	Per can, 15c
Tropical Fish Food	Per can, 15c
Shrimp Food	Per can, 15c
Turtle Food	Per can, 15c
Newt Food	Per can, 15c
Fish Tonic	4 ozs., 25c
Fungus Remedy	Bottle, 25c
Aquarium Gravel. Shipped by express, collect.	
5-lb. bag	25c
10-lb. bag	40c
25-lb. bag	60c

ENJOY NATURAL BEAUTY with these AQUATIC PLANTS

All the beauty of Nature is herein listed. The aquarium is certainly the complete study of all the beautiful things of life. Here is the quiet passiveness that is so restful for the human mind after its seance of probing, experimenting, and labor. Here is life—in the miniature degree, to be sure—but in a wonderfully philosophical way. Just the

coloring that is needed for the toning up of our own thoughts.

Too, the aquarium Garden is one of the most attractive of additions to the living room, or the dining room. It is an outstandingly different type of furniture, and beautifully takes its place with any scheme of design.

PRICES

Anacharis
Cabomba
Ludwigia

Green Myrio
Red Myrio
Dwarf Anacharis

Spatterdock (Southern)
Cryptocoryne Willisii
Underwater Fern
Four Leaf Clover
Hair Grass

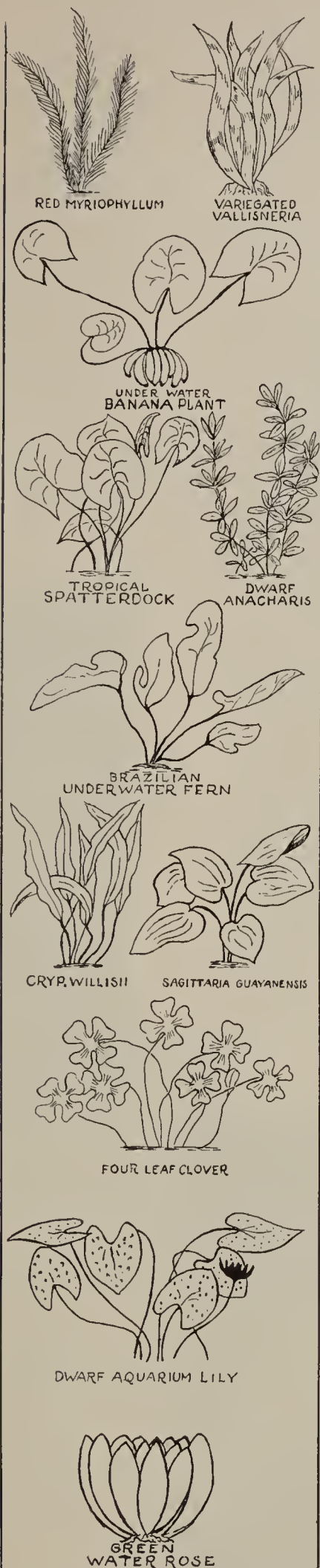
Spatterdock (Tropical)
Banana Plants
Sag. Guayanensis
Green Water Rose

The above plants are bunched and can be gently anchored in the sand or gravel in your aquarium. 15c per bunch, 2 for 25c.

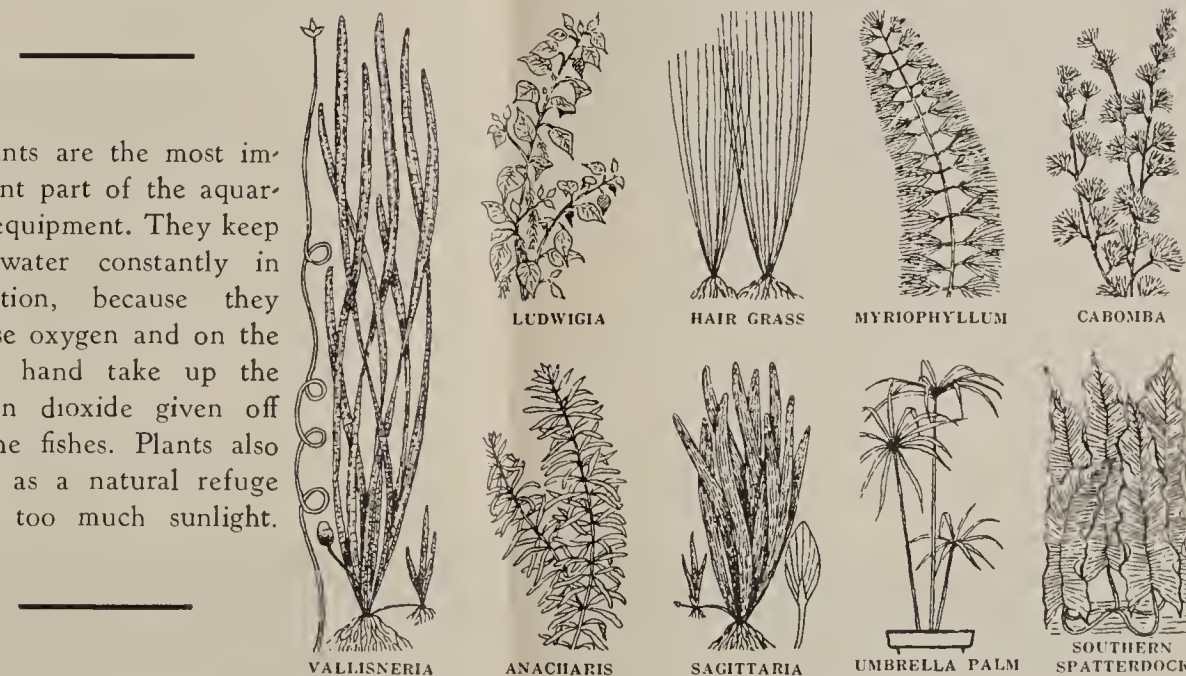
These plants have roots and should be planted in the aquarium. 15c per plant, 2 for 25c.

Vallisneria, Varigated, Rubra, and Corkscrew varieties, 10c per plant, 5 for 35c.

Vallisneria, Italian, beautiful plants. 3 for 10c; 35 per doz. Sagittaria, dwarf and large varieties, 10c each, 4 for 25c.



Plants are the most important part of the aquarium equipment. They keep the water constantly in condition, because they release oxygen and on the other hand take up the carbon dioxide given off by the fishes. Plants also serve as a natural refuge from too much sunlight.



A LARGE COLLECTION OF ASSORTED AQUARIUM PLANTS

Collection No. P-5

20 assorted plants of all the popular varieties, sufficient to balance a 10 to 15 gallon aquarium.

Postpaid

\$1.00

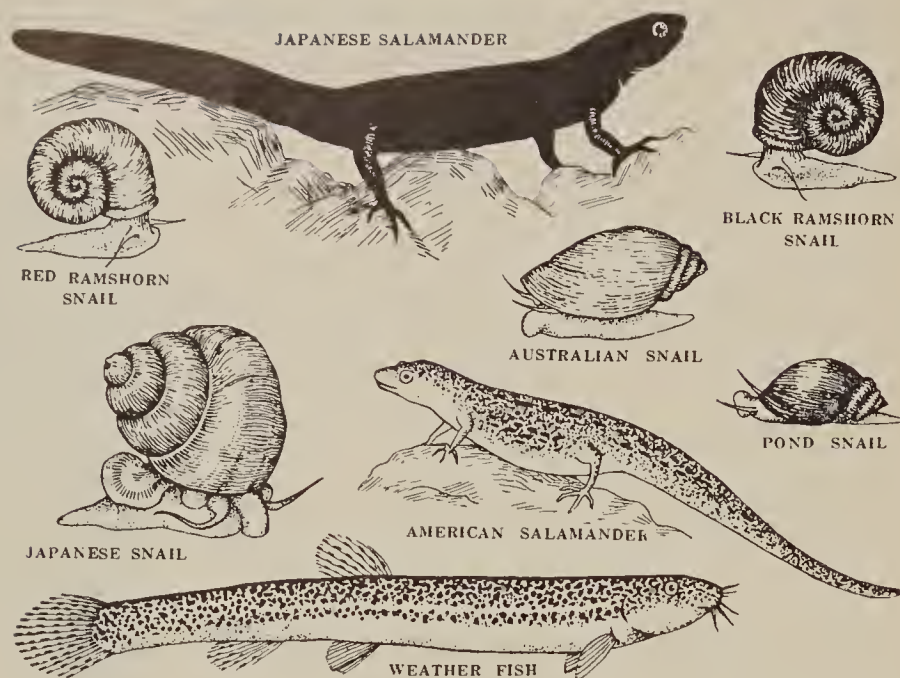
IF I WERE A DOCTOR,

or any other professional man, who, for hours, has to examine, interview, converse, advise, or suggest, I certainly would try to have the "Party of the Second Part" in such a frame of mind that when his time came to face me, it would be quite a pleasant experience for both of us. I believe that after hours of this contact, I, myself, would be in an irritable frame of mind, too. (I remember how I have felt sitting "on the

other side" of the door, and waiting for an interview.) Magazines hold no interest, looking and studying the others in the room is taboo, and certainly has no soothing effect. Regardless of how artistically the room is arranged, it still is another "Waiting Room".

Anything pertaining to water, anything pertaining to plant life, in this waiting room, would help to convert it to a room in which there is something of interest to all. Hours can be spent in quietly beholding the beauties of Nature.

SCAVENGERS AND FISHES



PRICES

JAPANESE SNAIL. Extra large, selected, 35c per pair. Assorted sizes, 2 for 25c; \$1.00 per doz.

BLACK RAMSHORN SNAIL. Extra large size, selected, 2 for 20c. Assorted sizes, 6 for 25c.

RED RAMSHORN SNAIL. Breeding size, 2 for 35c. Assorted sizes, 4 for 50c.

AUSTRALIAN RED SNAIL. Breeding size, 2 for 35c.

POND SNAILS. 6 for 25c.

FRESH WATER CLAMS. 2 for 25c; \$1.00 per doz.

BABY GREEN TURTLES. 2 for 35c.

AMERICAN SALAMANDERS (Water Newts). 2 for 25c.

JAPANESE SALAMANDERS. 2 for 50c.

BABY ALLIGATORS. \$1.50 each.

ALL ABOVE ITEMS ARE SENT BY PARCEL POST, PREPAID

JAPANESE SPOTTED WEATHER FISH. 50c each; 3 for \$1.00.

JAPANESE WEATHER FISH. 50c each; 3 for \$1.00.

TADPOLES (Green Frogs). 2 for 25c; 50c per doz.

THE ABOVE ITEMS MUST BE SENT BY EXPRESS IN WATER.

INCLUDE 25c FOR SHIPPING CANS.

COLLECTION OF SNAILS

For the 10 to 20 gallon aquarium, a general assortment of Snails and Clams.

Collection No. S-1

12 FOR 75c
POSTPAID

COLLECTION OF SCAVENGERS & PLANTS

Collection No. S5

An assortment of plants and snails suitable for the 10 gallon aquarium. Includes a wide variety of both plants and snails.

\$1.00 POSTPAID

Comet Tails—A variety with unusually long tails. These are the best known of the Goldfish.

Aquarium size 2 1/2 to 4 inches; singly, 15c each; \$1.00 per dozen; 50 for \$3.50; 100 for \$5.00.

Telescopes—An odd fish with large protruding eyes, velvety black, red or red and white coloration.

Aquarium size 2 to 3 inches; singly, 25c each; \$2.00 per dozen.



Fantails—These are the best of the Fancy Fishes.

Aquarium size 2 to 3 inches; singly, 25c each; \$2.00 per dozen.

Calico Fantails and Telescopes—Marvelously colored in mottled formation. An attractive fish. In small sizes 25c each; \$2.00 per dozen.

Shubunkins—A thoroughly hardy fish, brilliantly mottled colors, blue, red and black; white, yellow and brown. In medium sizes 25c each; \$2.00 per dozen.

GOLDFISH COLLECTIONS

Collection G-1

A combination of the five varieties listed, selected for the aquarium. 12 fish, including shipping can, for \$2.00:

Collection G-2

For the 15 gallon aquarium. 18 fish, assorted as above, \$2.75.

Collection G-3

For the 20 gallon aquarium. 25 fish, assorted as above, \$3.50.

SHIPPING INSTRUCTIONS

Goldfish must be shipped by Express. All prices on Goldfish are shipped—you pay the charges. On orders for Goldfish listed above, except on collections, include 50c for shipping can. On large orders we loan you our regular large shipping can, same to be returned at once by express.

Those Interested in Tropical Fish Write for Price List

LOVELAND GOLDFISH FARM, LOVELAND, OHIO

AQUARIUM NECESSITIES

AQUARIUM ILLUMINATOR. A lamp that is a real value to the aquarist. To really enjoy aquarium pets one must see them properly. Our aquarium lamp solves the problem. Made of heavy metal. Fits any style aquarium. Equipped with rubber suction. Each, with tubular style bulb, \$1.25.

AQUARIUM CEMENT. A product that can't be beat—for constructing or mending aquariums. Ready for immediate use. Simple directions printed on can. One-pound cans, 50c.

FISH NETS—

- No. N-1—Excellent net, small size for Tropical Fish. 10c each.
- No. N-2—Large size, 4x5, with wire handle. 25c each.
- No. N-3—Small size for goldfish. 10c each.
- No. N-4—Large size for goldfish, with round ring 4 inches in diameter and long handle. 25c each.

FLOATING THERMOMETERS. Small size, 25c each; large size, 50c each.

NEW STANDING THERMOMETERS. Attractive, encased in glass. 3¾ inches high, weighted to stand on bottom of aquarium. 25c each.

GLASS FEEDING RINGS. Small size, 10c; large size, 15c.

HI-BALLS—Medicated balls, neutralize acids and impurities. Every aquarium of fishes should have one or more in it. 10c; 3 for 25c.

HEATING EQUIPMENT

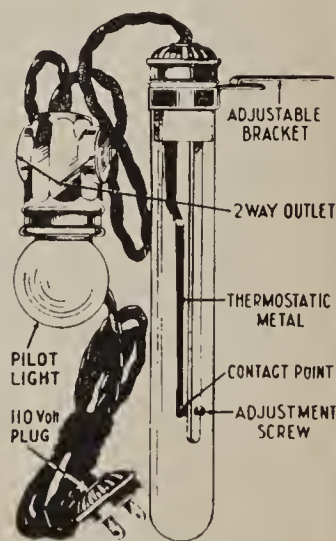
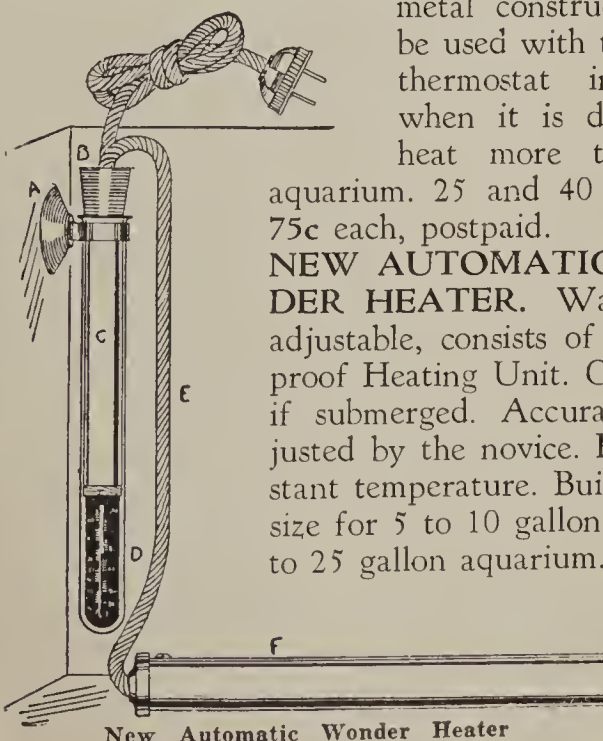
LOVELAND AQUARIUM THERMOSTAT.

These thermostats are the simplest and best obtainable for the price. 100 or 300 watt adjustable thermostat with three plug outlet. \$1.50 each, postpaid.

AQUARIUM HEATERS. This type heater, metal construction, can be used with the above thermostat in series, when it is desired to heat more than one

aquarium. 25 and 40 watt. 75c each, postpaid.

NEW AUTOMATIC WONDER HEATER. Waterproof, adjustable, consists of 1 waterproof Heating Unit. Cannot get wet inside even if submerged. Accurate thermostat. Easily adjusted by the novice. Results in dependable constant temperature. Built-in thermometer, 40 watt size for 5 to 10 gallon aquarium. 75 watt for 10 to 25 gallon aquarium. \$2.50 each, postpaid.



Thermostat

Write for Tropical Fish Prices.

JO SELECTS —

For years we have been devoting much time to growing and testing plants for Indoor Gardening in all its phases—Glass Gardens, Window Gardens, Dish Gardens, Bog Gardens.

Friends and customers visiting our gardens have expressed the wish for us to catalog these different and attractive plants, so that they might too enjoy the plants we have been here enjoying.

This circular on "Indoor Gardening" is the result of these requests. Only the best of the hundreds of plants we have tried out are listed. Many of them cannot be secured anywhere else.

THINGS AQUATIC in the INDOORS

Aquatic life has untold values in the indoors and be it in the Home or in the Office, in the sickroom, the unusual amount of pleasure derived from an aquarium offsets what little effort must be made for the upkeep. Little difficulty is had in maintaining an Aquatic Garden once it is established.

THINGS HORTICULTURAL in the INDOORS

Glass gardening, Window Sill Gardening, Dish Gardening—all present a fascinating yet very inexpensive way to add extra beauty and cheerfulness to your home.

IN INDOOR GARDENING

So much can be accomplished in such small expenditures that it can be readily seen why everyone today is trying the various phases of gardening for the beautification of their home.

Please Read

All orders for Plants, Scavengers, Aquarium Supplies, Terrarium and other Plants, Fish Foods, are shipped PREPAID.

Aquaria (except M-10 and M-15) PREPAID up to and including the 4th Zone.

Weather Fish, Tadpoles, Goldfish, Tropical Fish and Aquarium Gravel and Aquaria M-10 and M-15 are shipped by Express, you paying the charges.

Cash, Money Order, or your personal Check must accompany all orders.

